

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00000DN
Revision No:
2

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2019/1397, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Release mechanism for (a) Lifeboats and rescue boats (launched by a fall or falls)

with type designation(s)
TOR MK2-S 3,36t

Issued to

VIKING NORSAFE LIFE-SAVING EQUIPMENT NORWAY AS
FÆRVIK, Norway

is found to comply with the requirements in the following Regulations/Standards:
item No. MED/1.26a. SOLAS 74 as amended, Reg. III/4, III/16, III/34 & X/3, LSA Code, 2000 HSC Code 8 and IMO MSC.1/Circ.1419.

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-03-25** .

Issued at **Høvik** on **2020-03-26**

DNV GL local station:
Norway CMC, West



Notified Body
No.: **0575**



for **DNV GL AS**
Digitally Signed By: Matteucci, Aldo
Location: DNV GL Høvik, Norway
Signing Date: 27.03.2020
on behalf of

Roald Vårheim
Head of Notified Body

Approval Engineer:
Paulo Correia

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2019 dated February 22nd, 2019.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-004629-4**
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Product description

- Lifeboat Release Hook with
- Safe Working Load, SWL = 3.36 tonne
 - Max length of operating cables = 10.75m
 - Hydrostatic locking device, Type/Name/Ref: KS-522
 - Release handle device, Type/Name/Ref: HEAC-001

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with makers product certificates (3.1).
- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standard or code and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.
- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.
- Support to hull structure is not included in this examination and shall be evaluated separately.

Type Examination documentation

Reference to initial approval by XLS in 2016.

Drawing no	Rev.	Title
		Application letter
2		Doc.Index ID 7638 (211 pages 2020.02.25)

Tests carried out

Prototype tested in accordance with IMO Resolution MSC.81(70) Part 1 and MSC.321(89).

<u>Description</u>	<u>Report</u>	<u>Date(s)</u>	<u>Witnessed by</u>
General arr. TOR MK2-S 3.36T	MSC.321(89)	2014-11-13	DNV GL Kristiansand

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9 and the Directive:

- Type designation, manufacturer name and serial number
- Maximum Working Load, SWL

END OF CERTIFICATE